

Claims

1. A photovoltaic element comprising an ITO substrate coated with a metallic oxide or a derivative thereof as a transparent electrode.
2. The photovoltaic element according to claim 1, wherein the metallic oxide includes at least one element between Ti, Cu, Zn, As, Sr, Nb, In, Sn and W.
3. The photovoltaic element according to claim 1, wherein when the metallic oxide film is held for one hour in atmospheric air at 500°C, the rise of a resistance value is 10 Ω/cm^2 or lower.
4. The photovoltaic element according to claim 1, a light transmittance of the ITO substrate coated with the metallic oxide in from 400 nm to 900 nm is 60 % or higher.
5. The photovoltaic element according to claim 1, wherein further comprises a metallic oxide semiconductor carrying a dye as an electrode of a dye-sensitized type solar cell.